

CLAIMS

We claim:

1. A device for relieving mechanical tension of an electric cable, said tension relieving device comprising:

two symmetrical, elastically flexible clamping members (540, 640; 740, 840) that extend in a transverse direction relative to a tension direction of the cable, said clamping members (540, 640, 740, 840) are inclined opposite to the tension direction of the cable, slotted similar to a comb, and symmetrically oppose one another.
2. The device according to claim 1, wherein each one of said clamping members (540, 640; 740, 840) comprises a plurality of comb teeth (542, 642; 742, 842) separated from one another by a respective slot, said comb teeth and said slots extend parallel to one another and are in one plane.
3. The device according to claim 1, wherein said opposing clamping members (540, 640; 740, 840) define an opening between one another.
4. The device according to claim 1, wherein said opposing clamping members (540, 640; 740, 840) define a flat, lenticular free cross section between each other when no cable is inserted between said members.

5. The device according to claim 4, wherein said free cross section has a short axis and a long axis, said short axis corresponds to a minimum diameter of cables that can be clamped in position and said long axis corresponds to a maximum diameter of said cables.

6. The device according to claim 1, wherein a respective one of said two clamping members (540, 640; 740, 840) is integrally formed on each one of two clamping member mounting bases (500, 600; 700, 800), said mounting bases are connectable to one another in a state in which the clamping members symmetrically oppose one another.

7. The device according to claim 6, wherein said mounting bases (500, 600; 700, 800) comprise catching means (550, 650; 750, 850) for connecting said bases to one another, said clamping members (540, 640; 740, 840) are provided on said mounting bases at a location where said catching means (550, 650; 750, 850) are located.

8. The device according to claim 6, wherein said mounting bases (500, 600; 700, 800) are parts of a cap of an electrical connector.